Software Development Is Not The Only Computer Science Career Path

Data Analyst Career
What You Do
• Solve challenging problems
• Work with facts & details
• Collaborate with coworkers & clients

What Students Say
“I love all of the organization and data and details of this job. I also enjoy learning code.”

What You Need To Know
• Statistics
• Data Manipulation
• Data Visualization
• Problem Solving
• Critical Thinking

UX Technologist Career
What You Do
• Work on a variety of projects
• Create easy-to-use apps/websites
• Help others
• Collaborate with customers

What Students Say
“I love the necessity for creativity and the fact that I would be designing something that will make people’s lives easier.”

What You Need To Know
• Design
• User-Centered Research
• Human-Computer Interaction
• Active Listening

Product Manager Career
What You Do
• Bring a product vision to life
• Lead a cross-functional team
• Work in tech without coding all day

What Students Say
“This is very interesting because I love to work with others and I’ve always wanted to show off my creativity.”

What You Need To Know
• Agile Methodology
• Software Product Design
• User-Centered Research
• Project Management

Everyone Can Succeed In Computing Careers

These Alternative Pathways Have High Job Demand
With 591K Current Job Openings for Data, Design, and Product Pathways, the demand is over 4X higher than that of Programming (Indeed, 2018).

When Armed With Career Knowledge, Students Like Technology Occupation Pathways
High numbers of students (aged 10 to 16) receive a ‘Best Fit’ for Data, Design, and Product careers. This is especially true for Females and Students of Color, whereby 2 to 3.5X more students receive ‘Best Fits’ for Data, Design, and Product careers compared to Programming careers.

Boost Student Participation In Computing With Contextualized Career Knowledge

Excerpts from ‘Altering the Vision of Who Can Succeed in Computing’ Report
Download the Full Report at: www.couragion.com/cs-report
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